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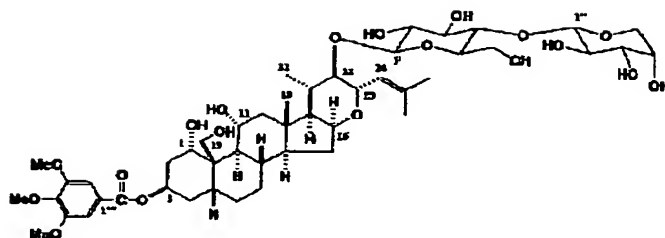
APPLICATION DATE : 16-06-99
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APPLICANT : KANEGAFUCHI CHEM IND CO LTD;

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TITLE : NEW AGENT FOR SUPPRESSING
PROLIFERATION OF TUMOR CELL



ABSTRACT : PROBLEM TO BE SOLVED: To obtain a new compound excellent in safety, having new mechanism of action and useful as a anticancer agent.

SOLUTION: This compound is represented by the formula. The compound of the formula is obtained by extracting e.g. a plant of the family Liliaceae or its allied species (e.g. Galtonia cadicans) and passing the extract through a purification step. The above extraction method is carried out by processing e.g. bulb part of the above plant in a shape suitable for extraction by directly drying, finely cutting, pulverizing, etc., and then subjecting the treated bulb part to liquid extraction with an extracting solvent such as alcohols. The above purification method is carried out by subjecting the extract obtained by the above extraction method with liquid-liquid extraction with water-butanol, roughly removing the contaminant and purifying the extract with a column chromatography using silica gel, reversed phase silica, ion exchange resin, etc., as a carrier.

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